

**STS-110 SRB POST FLIGHT/RETRIEVAL ASSESSMENT**  
**KSC Debris Team**  
**11 April 2002**

The BI-112 Solid Rocket Boosters were inspected for debris damage and debris sources at CCAFS Hangar AF on 11 April 2002. Generally, both boosters were in excellent condition.

**ANOMALIES**

None

**FUNNIES**

None

**OBSERVATIONS**

The TPS on both frustums exhibited no debonds/unbonds. There was minor localized blistering of the Hypalon paint.

All eight BSM aero heat shield covers had fully opened and locked, but two RH and two LH cover attach rings had been bent at the hinge by parachute riser entanglement.

The forward skirts exhibited no debonds or missing TPS. RSS antennae covers/phenolic base plates were intact. All primary frustum severance ring pins and retainer clips were intact with the exception of two missing pins and retainer clips on the left SRB. Parachute riser entanglement most likely caused this.

The Field Joint Protection System (FJPS) and the System Tunnel Covers closeouts were generally in good condition with no unbonds observed.

Separation of the aft ET/SRB struts appeared normal.

Aft skirt external surface TPS was in good condition. Typical blistering of Hypalon paint had occurred on the insulation close-outs and GEI cork runs.

The holddown post Debris Containment Systems (DCS) appeared to have functioned normally on all HDP's.

No indication of stud hang up was observed.

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